

71. A control device according to claim 66, wherein the control device is a personal computer, a word processor or a work station. --.
72. A method according to claim 67, wherein the receiving step receives the description file from the device after the device is connected to the network. --.
73. A method according to claim 67, wherein the displaying step displays the icon on the display device after the description file is automatically activated. --.
74. A method according to claim 67, wherein the device is represented as an object by a predetermined object-oriented technique. --.
75. A method according to claim 67, wherein the method is applicable to a personal computer, a word processor or a work station. --.

REMARKS

A Request for Extension of Time for extending the due date for responding to the Office Action by one month and a Credit Card Payment Form (Form PTO-2038) for payment of the fee for the extension of time (\$110) are filed with this Amendment. An additional claim fee for the additional dependent claims is also included in the credit card payment form. Please charge any other fees, if necessary, for entry of this Amendment to our Deposit Account No. 18-1644.

Claims 33 and 47-67 are pending in the application. Claims 33, 47-51, 53, 56-61, 63 and 65-67 have been amended. Claims 54 and 64 have been cancelled. Dependent claims 68-75 have been added. Attached hereto is a marked-up version of the changes made to the claims by this Amendment. The marked-up version is entitled "Attachment A - Marked-Up Version of Amendments to Claims and Additional Claims Submitted."

Independent claims 33, 56, 66 and 67 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Baker et al., U.S. Patent No. 5,428,730. With respect to the remaining independent claims, the rejections are respectfully traversed and reconsideration is requested.

Independent claims 33 and 66 have been amended and are each directed to a control device for controlling a device via a network with a communication interface that can receive a description file, including description data relating to a control panel for a control device, from the device. Independent claim 33 additionally recites a controller that can automatically activate the description file if the description file is received from the device. Independent claim 66 additionally recites a controller that can display the control panel on a display device if the user selects an icon representing the device and that transmits a message to the device if the user operates a graphical element on the control panel. Such is not disclosed or suggested by the Baker et al. reference.

Particularly, the Baker et al. patent discloses a personal computer 36 having a multimedia device control program (MMDCP) 106 that creates control panels for the multimedia devices 124. However, the personal computer 36 does not receive the MMDCP 106 from a multimedia device 124 since the MMDCP 106 is only stored in a main memory 36. (col. 3, lines 58-63.) Such does not disclose or suggest a communication interface that can receive a description file including description data relating to a control panel for the device from the device, as claimed in the amended independent claims.

In the Office Action, the Examiner states with respect to claim 33 that the Baker et al. reference discloses:

“a control device for controlling a device via a network,

comprising:

a communication interface adapted to receive a description file including description data for a control panel of the device (Abstract, col. 7, line 50 – col. 8 line 12); and

a controller adapted to automatically activate the description file, if the description file is received (col. 7, line 50 – col. 8 line 12)."

The Examiner also indicates that claims 56 and 67 have similar limitations as claim 33 and are therefore rejected under the same rationale.

However, as discussed above, the Baker et al. reference does not disclose or suggest a communication interface that can receive a description file including description data relating to a control panel for the device from the device, as claimed. Nor does the Baker et al. reference disclose or suggest a controller that can automatically activate the description file, if the description file is received from the device, as further claimed in independent claim 33. In addition, the Baker et al. reference does not disclose nor suggest a controller that can display the control panel on a display device if a user selects an icon representing the device, and that transmits a message to the device if user operates a graphical element on the control panel, as further recited in amended independent claim 66.

Accordingly, applicants respectfully submit that independent claims 33 and 66 are patentable over the Baker et al. reference. Amended independent claims 56 and 67 are method claims corresponding to the control device of independent claims 33 and 66 respectively, and are believed to be patentable for the same reasons as discussed above with respect to claims 33 and 66. It is therefore submitted that the independent claims 33, 56, 66 and 67 are patentable based upon the Baker et al. reference not disclosing or suggesting the content therein within the

meaning of Section 102. Based upon the patentability of the pending independent claims, the present dependent claims are also submitted as patentable since they differ in scope from the parent independent claims.

Added dependent claims 68-71 are directed to additional features of the control device of claim 66. Similarly, added dependent claims 72-75 are directed to additional features of the corresponding method of claim 67. Claims 68-75 are also submitted as patentable.

If the Examiner believes that an interview would expedite consideration of this Amendment or of the application, a request is made that the Examiner telephone applicants' counsel at (212) 682-9640.

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B208-685 DIV

ATTACHMENT A - MARKED-UP VERSION OF AMENDMENTS TO CLAIMS AND
ADDITIONAL CLAIMS SUBMITTED

In the Claims

Amend claim 33 as follows:

-- 33. (Twice-Amended) A control device for controlling a device via a network,
comprising:

a communication interface adapted to receive a description file including
description data relating to [for] a control panel for [of] the device from the device; and

a controller adapted to automatically activate the description file[,] if the
description file is received from the device. --.

Amend claims 47-51 as follows:

-- 47. (Amended) A control device according to claim 33, wherein the control panel
includes graphical elements corresponding to [for controlling] functions of the device
respectively. --.

-- 48. (Amended) A control device according to claim 33, wherein the communication
interface is adapted to receive [receives] the description file from the device[,] after the [control
device detects that the] device is connected to the network. --.

-- 49. (Amended) A control device according to claim 33, wherein the controller is
adapted to display [displays] an icon representing the device on a display device after the
description file is automatically activated. --.

-- 50. (Amended) A control device according to claim 49, wherein the controller is adapted to display [displays] the control panel on the display device if [after the icon is selected by] a user selects the icon. --.

-- 51. (Amended) A control device according to claim 33, wherein the control device transmits a message [corresponding to a graphical element of the control panel] to the device [when the graphical element is operated by] if a user operates a graphical element on the control panel. --.

Amend claim 53 as follows:

-- 53. (Amended) A control device according to claim 33, wherein the device is a CD player, a digital video recorder, a digital camera, [or] a digital television, a facsimile, a copying machine or a printer. --.

Cancel claim 54.

Amend claims 56-61 as follows:

-- 56. (Amended) A method for controlling [operating a control device, which controls] a device via a network, comprising the steps of:

receiving a description file including description data relating to [for] a control panel for [of] the device from the device; and

automatically activating the description file[,] if the description file is received from the device. --.

-- 57. (Amended) A method according to claim 56, wherein the control panel includes graphical elements corresponding to [for controlling] functions of the device respectively. --.

-- 58. (Amended) A method according to claim 56, wherein the receiving step receives the

description file from the device[,] after [the control device detects that] the device is connected to the network. --.

-- 59. (Amended) A method according to claim 56, further comprising a step of displaying [wherein the controlling step displays] an icon representing the device on a display device after the description file is automatically activated. --.

-- 60. (Amended) A method according to claim 59, further comprising a step of displaying [wherein the controlling step displays] the control panel on the display device [after the icon is selected by a user] if a user selects the icon. --.

-- 61. (Amended) A method according to claim 56, further comprising a step of transmitting [wherein the control device transmits] a message [corresponding to a graphical element of the control panel] to the device if a user operates a graphical element on the control panel [when the graphical element is operated by user]. --.

Amend claim 63 as follows:

-- 63. (Amended) A method according to claim 56, wherein the device is a CD player, a digital video recorder, a digital camera, [or] a digital television, a facsimile, a copying machine or a printer. --.

Cancel claim 64.

Amend claims 65-67 as follows:

-- 65. (Amended) A method according to claim 56, wherein the method is applicable to [control device is] a personal computer, a word processor or a work station. --.

-- 66. (Amended) A control device for controlling a device via a network, comprising:
a communication interface adapted to receive a description file including

description data [for] relating to a control panel [of] for the device from the device; and

a controller adapted to display the control panel on a display device [after] if a user selects an icon representing the device [is selected by a user], and to transmit

[wherein the control device transmits] a message [corresponding to a graphical element of the control panel] to the device [when] if the user operates a graphical element [is operated by user] on the control panel. --.

-- 67. (Amended) A method for controlling [operating a control device, which controls] a device via a network, comprising the steps of:

receiving a description file including description data [for] relating to a control panel [of] for the device from the device;

displaying the control panel on a display device if user selects [after] an icon representing the device [is selected by a user]; and

transmitting a message [corresponding to a graphical element of the control panel] to the device if user operates a [when the] graphical element on the control panel [is operated by user]. --.

Please enter the following additional claims:

-- 68. A control device according to claim 66, wherein the communication interface is adapted to receive the description file from the device after the device is connected to the network. --.

-- 69. A control device according to claim 66, wherein the controller is adapted to display the icon on the display device after the description file is automatically activated. --.

-- 70. A control device according to claim 66, wherein the device is represented as an

object by a predetermined object-oriented technique. --.

-- 71. A control device according to claim 66, wherein the control device is a personal computer, a word processor or a work station. --.

-- 72. A method according to claim 67, wherein the receiving step receives the description file from the device after the device is connected to the network. --.

-- 73. A method according to claim 67, wherein the displaying step displays the icon on the display device after the description file is automatically activated. --.

-- 74. A method according to claim 67, wherein the device is represented as an object by a predetermined object-oriented technique. --.

-- 75. A method according to claim 67, wherein the method is applicable to a personal computer, a word processor or a work station. --.